

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 12452  
Application ID: 09682589  
Title of Invention: BALANCED QUENCH PROTECTION  
CIRCUIT  
First Named Inventor: Minfeng XU  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-09-25  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 15MG5685XU3  
Digital Certificate Holder: cn=Frederick J. Dorchak, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S. Government,  
c=US  
Certificate Message Digest: CERwLzg5aCL33K/AqPvaMg==  
Total Fees Authorized: \$1070.0  
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# TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number:

15MG5685XU3

## BALANCED QUENCH PROTECTION CIRCUIT

First Named Inventor: Mr. Minfeng XU

### SUBMITTED BY

Name: Mr. Frederick Joseph Dorchak Esq.  
Registration Number: 29,298  
Electronic Signature Mark: fjd Date Signed: 20010925

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

specification	XU-3-Final.xml
declaration	Decl - 1st page.tif
declaration	Decl - 2nd page.tif
patent-assignment	XUETAL3asgn.xml
bibd-transmittal	XUETAL3apds.xml
fee-transmittal	XUETAL3fee.xml

### Attached Image File(s):

Decl - 1st page.tif  
Decl - 2nd page.tif

Comments:

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# **COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: BALANCED QUENCH PROTECTION CIRCUIT, the specification of which is attached hereto.

OR

the specification of which was filed on \_\_\_\_\_,  
as United States Application Number \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, U.S.C. §119 of any foreign application for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 U.S.C. 119
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SER. NO.	APPLICATION SER. NO.	FILING DATE	STATUS (patented, pending, abandoned)

I hereby appoint Christian G. Cabou (Reg. No. 35,467), Phyllis Y. Price (Reg. No. 34,234) and Michael Della Penna, (Reg. No. 45,697), all of General Electric Company, 3000 North Grandview Blvd., Waukesha, Wisconsin 53188; Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski, (Reg. No. 26,621), Jay L. Chaskin, (Reg. No. 24,030) and John Beninati (Reg. No. 40,510), Customer No. 27963, all of General Electric Company (W3E), 3135 Easton Turnpike, Fairfield, Connecticut 06431-0001; and

Frederick J. Dorchak (Reg. No. 29,298), Allison C. Collard (Reg. No. 22,532), Edward R. Freedman (Reg. No. 26,048), Elizabeth C. Richter (Reg. No. 35,103) and William C. Collard (Reg. No. 38,411), all of Collard & Roe, P.C., 1077 Northern Boulevard, Roslyn, New York 11576, jointly, and each of them severally, my attorneys, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Frederick J. Dorchak (Reg. No. 29,298), of Collard & Roe, P.C., Customer No. 25889, 1077 Northern Boulevard, Roslyn, New York 11576, phone: (516) 365-9802, fax: (516) 365-9805.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor: Minfeng XU

Inventor's signature: Minfeng Xu Date: 9/10/2001

Residence: Florence, SC 29501

Citizenship: People's Republic of China

Post Office Address: 717 Rice Hope Cove, Florence, SC 29501

Full name of second joint inventor: Xianrui HUANG

Inventor's signature: Xianrui Huang Date: 9/21/2001

Residence: Clifton Park, NY 12065

Citizenship: USA

Post Office Address: 7 Park 200 Apts. Apt. 2N, Clifton Park, NY 12065

Full name of third joint inventor: Bu-Xin XU

Inventor's signature: Bu-Xin Xu Date: 9/20/2001

Residence: Florence, SC 29501

Citizenship: USA

Post Office Address: 708 Briarleigh Road, Florence, SC 29501

Full name of fourth joint inventor: Jinhua HUANG

Inventor's signature: Jinhua Huang Date: 9/20/2001

Residence: Florence, SC 29501

Citizenship: People's Republic of China

Post Office Address: 613 Traces Drive, Florence, SC 29501

# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1070**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 03-2468



Deposit Account Name: Collard Roe & Malcom/A C Collard

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## SUBMITTED BY

Authorized Name: Frederick J. Dorchak

Electronic Signature Mark: FJD

Date Signed: 20010925

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 16	103	\$ 18	0	\$ 0
Independent Claims: 7	102	\$ 80	4	\$ 320

Subtotal For Extra Claims Fees: \$ 320

## ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40

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